Index of Claims

Application/Control No.

09/784,159

Examiner

Justin P. Misleh

Applicant(s)/Patent under Reexamination

TANAKA ET AL.

Art Unit

2622

| 1 | Rejected |
|----|----------|
| 11 | Allowed |

| _ | (Through numeral) Cancelled |
|---|--------------------------------|
| ÷ | Restricted |

| N | Non-Elected |
|---|--------------|
| _ | Interference |

| A | Appeal |
|---|----------|
| 0 | Objected |

| | , | | | | | | | · | | |
|--------------|-----------------------|----------|--|----------|----------|--|----------|--|--|-----------|
| Cla | im | Date | | | | | | | | |
| - 016 | | 1 | - | -1 | | | _ | 1 | | \dashv |
| Final | Original | 9/1/06 | | | | | | | | |
| | 1 | 7 | 寸 | | _ | | | コ | | \exists |
| | 1 2 3 4 5 | 1 | \neg | 一 | | | | | | 目 |
| | 3 | 7 | | | | | | | | |
| | 4 | 1 | | | - | | | | | |
| | | 0 | | | | | | | | |
| | 6 | 0 | | | | | | | | |
| | 7 | 0 | | | | | | | | |
| | 8 | 1 | | | | | | | \Box | |
| | 9 | 1 | | | | | | _ | | _ |
| | 10 | 7 | | | | | | | | ᆜ |
| | 11 | | | | | | | | | _ |
| | 12 | Į, | | | | _ | | | | |
| ļ | 12 13 14 | 1 | | | | | Ш | | | \dashv |
| <u> </u> | 14 | | | | | ļ | _ | | | |
| | 15 | 1 | | Щ | | <u> </u> | \vdash | | | Щ |
| | 16 17 | 0 | | | | | L | | | \square |
| <u> </u> | 17 | 1 | | | | <u> </u> | Ь. | | | |
| | 18 19 | 4 | | | | | | | | |
| | 19 | | | | | _ | | ļ | | _ |
| <u> </u> | 20 | ٧ | | | _ | _ | _ | | | |
| | 21 22 | 0 | | | | _ | <u> </u> | | | Ш |
| | 22 | 0 | | | | <u> </u> | <u> </u> | | | Н |
| | 23 | 0 1 | | \vdash | | | ┝ | _ | | \dashv |
| <u> </u> | 24 25 | 1 | - | - | | | - | | | |
| ├ | 26 | 1 | \vdash | H | | ⊢ | ├ | - | - | \dashv |
| | 27 | 1 | \vdash | \vdash | - | ┝ | - | \vdash | - | Н |
| | 28 | 0 | - | | - | ⊢ | ┝ | | | Н |
| | 20 | 1 | ┢ | - | - | \vdash | - | H | _ | \vdash |
| <u> </u> | 29 30 | 1 | | ┢ | - | ┢ | ├ | H | | Н |
| \vdash | 31 | 1 | \vdash | \vdash | \vdash | | \vdash | \vdash | | H |
| | 32 | V | - | \vdash | \vdash | - | \vdash | \vdash | \vdash | Н |
| \vdash | 32 33 | 0 | | \vdash | \vdash | \vdash | Н | <u> </u> | \vdash | Н |
| | 34 | 0 | \vdash | \vdash | \vdash | \vdash | ┢ | <u> </u> | \vdash | Н |
| <u> </u> | 35 | 0 | | - | \vdash | \vdash | _ | \vdash | ┢ | Н |
| | 36 | V | _ | | | - | | | | Н |
| | 37 | Ì | - | 1 | | T | | <u> </u> | | Н |
| | 38 | V | t | H | Г | T | | | <u> </u> | Н |
| | 39 | V | | I^- | | | Т | Г | | П |
| | 40 | 1 | | | Γ | T | | | l | П |
| | 41 | 1 | 1 | | Γ | \sqcap | | | | |
| | 42 | 1 | | | | | | L | | |
| | 43 | 1 | | | | | | | | |
| | 44 | 0 | L. | | | | | | | |
| | 45 | 1 | | \Box | | | | | | |
| | 46 | 1 | | | | | 匚 | | | |
| | 47 | 1 | | | | | | | | |
| | 48 | 1 | | | | \Box | \Box | 匚 | 匚 | |
| | 49 | 1 | | | | | | Ĺ | _ | |
| | 50 | | 1 | i | | 1 | i | 1 _ | 1 | 1 1 |

| Date | | | | | [| Cla | Date | | | | | | | | | | |
|----------|----------|--|--------------|--------------|----------------|-----|--------------|----------------|----------|--------------|----------|----------|--|--|--|--------------|----------------|
| \top | T | | | | | Ì | | | | | | | | | | | |
| 1 | - | | | | | | ā | Original | - 1 | | | | | | | | 1 |
| | | | | | | - 1 | Final | ē | - 1 | | | | | | - 1 | | |
| | | | | | | | | Ō | | | | | | | | | |
| ╁ | \dashv | - | | - | - | ŀ | | 51 | - | - | | _ | _ | - | - | | \dashv |
| + | ┥ | _ | | | \dashv | ł | | 51 | | - | - | | _ | \dashv | - | _ | \dashv |
| - | 4 | | _ | - | _ | - 1 | | 52 53 | _ | | _ | | | | _ | _ | - |
| + | 4 | | | _ | - | | | 53 | - | _ | _ | _ | _ | _ | | | _ |
| 4 | 4 | | | | | | | 54 | | | | | | - | | | |
| _ | 4 | | L | | | | | 55 | | | | | _ | | | | |
| | _ | | _ | | | | | 56 | | | | | | | | | |
| | | | | | | | | 57 | | | | | L | | | | |
| ╧ | _ | | | | | | | 57 58 | | | | | <u> </u> | | | | Щ |
| | | | | | | | | 59 | | | | | <u>_</u> | | | | Ш |
| | | | | | | | | 60 | | | | | | | | | |
| Т | 7 | | | | | | | 61 | | | | | | | | | |
| T | | | | | | | | 62 | | | | L. | | | | | |
| \neg | | | | | | | | 63 | | | | | | | | | |
| 十 | | _ | | | | | | 63 64 | | | | | | | | | |
| \top | | _ | <u> </u> | Г | | | | 65 | | | | | | | | Г | \Box |
| + | ┪ | _ | - | | | | | 66 | | | | Ī | Г | | | \Box | |
| + | Ħ | | <u> </u> | | | | | 66 67 | | H | | _ | | Г | \Box | | П |
| + | | _ | _ | - | | | | 68 | H | _ | | _ | 1 | \vdash | \vdash | ┢ | Н |
| + | - | | - | | - | | | 68 69 | - | - | _ | | | - | ┝ | \vdash | Н |
| ╅ | - | | - | | - | | | 70 | - | \vdash | <u> </u> | ┢ | - | | | _ | Н |
| + | - | | | ┢ | | | - | 70 | \vdash | | - | - | \vdash | | - | - | Н |
| + | _ | | ⊢ | - | \vdash | | | 71 72 73 | ⊢ | | ├ | ├- | ⊢ | ┢ | H | | Н |
| - | _ | | ⊢ | <u> </u> | <u> </u> | | <u> </u> | 1/2 | ⊢ | - | ┝ | - | | ⊢ | ⊢ | - | Н |
| | _ | | <u> </u> | _ | | | | 13 | ⊢ | - | ⊢ | ⊢ | ├ | ⊢ | ⊢ | - | Н |
| _ | _ | | L. | _ | | | | 74 | <u> </u> | ┡ | <u> </u> | ┡ | _ | <u> </u> | <u> </u> | <u> </u> | Н |
| \bot | | _ | <u> </u> | | | Į | | 75 | _ | _ | L. | _ | _ | _ | <u> </u> | _ | |
| \perp | _ | | _ | <u></u> | | | | 76 | _ | _ | _ | <u> </u> | L | <u> </u> | L | <u> </u> | Ш |
| | | | | | | | | 77 | | | _ | L | | L | | | Ш |
| | | | | | | | | 78 | | L., | | | | L | | | |
| _ | | | | | | | | 79 | | | | | | | | | |
| \neg | | | | | | 1 | | 80 | | | | | | | | | |
| 7 | | | Г | Π | | ĺ | | 81 | | | | П | Γ | | | | |
| | | | | | | i | | 82 | | | | | | | | | |
| + | | Т | 1 | Г | | 1 | | 82 83 | | | | | | Г | П | П | П |
| \dashv | | | t | | \vdash | 1 | | 84 | | † | | | T | Г | Т | Т | П |
| + | | | \vdash | t | \vdash | | | 85 | \vdash | | | \vdash | t^- | 1 | Т | | П |
| \dashv | | \vdash | | 1 | ╁ | 1 | \vdash | 85 86 | H | \vdash | t^- | \vdash | | | \vdash | \vdash | ┰ |
| + | _ | | +- | ╁ | - | 1 | — | 87 | \vdash | | \vdash | \vdash | | | + | \vdash | \vdash |
| + | _ | \vdash | ├ | ├ | \vdash | ł | | 87 88 | - | \vdash | ┢┈ | \vdash | ╁╌ | \vdash | \vdash | | \vdash |
| + | | Ι- | ⊢ | ╁ | ₩ | ł | | 89 | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash | \vdash |
| + | _ | | \vdash | | \vdash | 1 | ├ | 90 | \vdash | \vdash | - | ⊢ | \vdash | ┢╾ | ├- | - | \vdash |
| + | | <u> — </u> | ┼- | ⊬ | - | ł | - | 91 | \vdash | \vdash | \vdash | \vdash | + | ₩- | ╁ | + | \vdash |
| + | _ | <u> </u> | \vdash | ├ | ₩ | 1 | | 1 31 | ⊢ | ├ | \vdash | ⊢ | + | - | - | \vdash | \vdash |
| 4 | _ | <u> </u> | ⊢ | \vdash | | 1 | <u> </u> | 92 | - | - | \vdash | \vdash | \vdash | - | \vdash | | \vdash |
| _ | | L. | <u> </u> | | - | 1 | | 93 | | ┞ | <u> </u> | ١ | <u> </u> | | - | \vdash | <u> </u> |
| \perp | | <u> </u> | <u> </u> | <u> </u> | ┞- | | L | 94 | <u> </u> | ! | 1 | ↓_ | | - | _ | ┞ | — |
| _ | | | <u> </u> | _ | \vdash | 1 | | 95 | | <u> </u> | <u> </u> | L | 1 | $oldsymbol{oldsymbol{oldsymbol{eta}}}$ | <u> </u> | ↓_ | Ь. |
| | | | 1 | | L | 1 | L | 96 | 乚 | <u> </u> | <u> </u> | 1_ | 1. | _ | _ | 1 | <u> </u> |
| \perp | | | | L | oxdot |] | | 97 | | | | | | | | | $oxed{oxed}$ |
| floor | | | Ĺ | L | |] | | 98 | | L | | L | L | | | | |
| | | | | | | | | 99 | L | Ĺ | | | 乚 | 匚 | Ĺ | | |
| \top | | Γ | Γ | Γ | Γ |] | | 100 | | | | | | Γ | Γ | | |
| | _ | | | _ | | • | | | | | | | | • | • | _ | |

| Cla | aim | | | | | Date | • | | _ | |
|----------|---------------------------------|----------|----------|----------|--|--------------|--|----------|------------|------------|
| | | \neg | | | | | | | | |
| Final | Original | | | | | | | | | |
| | 101 | _ | _ | \vdash | | \vdash | \dashv | | | \dashv |
| | 101 102 | | _ | | | | | - | | |
| | 103 | | | | | | | _ | | |
| | 104 | | | - | _ | _ | | | _ | П |
| | 104 105 | | | | | | - | | \Box | |
| | 106 | | | Π | | | | | | |
| | 107 | | | П | Г | | | | _ | |
| | 108 | | | | | | | | | |
| | 109 | | | | | | | | | |
| | 110 | | | | | | | | | |
| | 111 | | | | | | | | | |
| | 112 113 | | | <u> </u> | | | | | | _ |
| <u> </u> | 113 | L. | | ! | | L. | <u> </u> | _ | lacksquare | |
| | 114 115 | | _ | ↓_ | <u> </u> | | <u> </u> | ļ., | <u> </u> | _ |
| <u> </u> | 115 | <u> </u> | | | _ | L | <u> </u> | | | <u> </u> |
| ļ | 116 | <u> </u> | <u> </u> | ├ | I — | | <u> </u> | <u> </u> | \vdash | <u> </u> |
| - | 117 | <u> </u> | <u> </u> | - | ! — | <u> </u> | <u> </u> | | ļ.— | _ |
| - | 118 | _ | ├ | ₩ | ┢ | ⊢ | <u> </u> | ├— | ⊢ | - |
| | 119 | - | | ├- | ├ | ⊢ | ⊢ | ⊢ | ├ | <u> </u> |
| <u> </u> | 120 | - | _ | ╁ | ⊢ | ⊢ | | - | ├ | - |
| - | 120 121 122 123 124 | - | ├ | ├ | \vdash | ┢ | \vdash | | - | ┢ |
| - | 122 | - | ⊨ | | | ├ | - | - | \vdash | |
| | 124 | - | | ┼ | ╁ | ⊢ | ┢╾ | ├ | ⊢ | \vdash |
| - | 125 | ╌ | \vdash | \vdash | ╁ | ╁ | \vdash | - | ┢ | 1 |
| — | 125 126 | | - | \vdash | +- | T | \vdash | | 1 | - |
| | 127 | t | ┢ | T | T | 1 | | | | t |
| | 128 | t | | 1 | \vdash | | \vdash | | <u> </u> | T |
| | 128 129 | | | | | | | | П | |
| | 130 | \vdash | | П | | | | Г | <u> </u> | |
| | 131 132 | | | | Π | | | | | |
| | 132 | | | | | | | | | |
| | 133 | | | | | \Box | | 匚 | \Box | |
| | 134 135 | 匚 | 匚 | | L | | | \Box | | |
| <u> </u> | 135 | <u> </u> | L | 1_ | _ | \perp | 1_ | <u>L</u> | <u> </u> | <u> </u> |
| <u></u> | 136 | <u> </u> | <u> </u> | \vdash | \vdash | \vdash | ļ | <u> </u> | <u> </u> | \vdash |
| <u> </u> | 137 | 1 | L | \vdash | | ـــــ | ₩ | ļ | ļ | ↓ _ |
| <u> </u> | 138 | ↓ | \vdash | ╀- | ├- | \vdash | | ₩ | ⊢ | ├- |
| <u> </u> | 139 | ├- | - | ╀ | \vdash | 1- | | ⊢ | ⊢ | - |
| \vdash | 140 | | \vdash | - | ╀ | \vdash | +- | ⊢ | ╀ | +- |
| - | 141 | \vdash | \vdash | +- | + | \vdash | ┼ | - | +- | - |
| - | 143 | ╁ | \vdash | + | \vdash | +- | + | ╁ | + | \vdash |
| \vdash | 144 | + | - | +- | \vdash | + | + | \vdash | + | 1- |
| - | 145 | \vdash | \vdash | + | ╁ | +- | \vdash | 十 | 1- | +- |
| - | 146 | +- | + | + | + | t^{-} | + | 1 | + | \vdash |
| \vdash | 147 | +- | t | + | 1 | † | 1 | † | 1- | 1 |
| | 148 | t^- | t | T | 十 | T | \vdash | \vdash | t | T |
| | 149 | 1 | T | T | T | T | 1 | T | T | T |
| | 150 | T | Τ | | Γ | T | | Γ | | L |
| | | | _ | _ | | • | • | | | |